

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: GUNTER, Liberty L. et al.

TC/AU: 2823

Serial No. 10/532,456

Examiner: Jefferson, Q.

Filing or 371 (c) Date: April 22, 2005

Dkt No: 20030213-US

For: GaN-BASED PERMEABLE BASE TRANSISTOR AND METHOD OF
FABRICATION

To: Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Customer No:

42716

Commissioner:

RESPONSE SUBSTANCE OF INTERVIEW (MPEP 713.04)

INTRODUCTORY COMMENTS

In response to the Office's Interview Summary (PTOL413) dated 9/21/2007, the Applicant or its Agent of Record has timely enclosed herein: 2 pages Substance of the Interview.

Substance of Interview (MPEP713.04)

As noted in 37 CFR 1.133, the Applicant or its Agent of Record is required to make the Substance of the Interview of record in the application file. To ensure compliance therewith, Applicant or its Agent of Record wishes to note the following (see also Interview Summary (PTOL-413):

- 1) A telephonic interview was conducted on September 11, 2007;
- 2) Examiners Quovaunda Jefferson and Fernando Toledo, Inventor Liberty Gunter, and Applicant's Attorney Andrew Cernota participated in the interview.

Appl. No. 10/532,456
Response dated: October 11, 2007
Reply to Interview Summary of September 21, 2007

Examiner Jefferson requested clarification of helium implantation of claim 1. Ms. Gunter explained that helium implantation was applied to all three layers, including the bottom emitter layer.

Applicant or its Agent of Record believes the above Summary to be fully responsive to the requirements. Applicant or its Agent of Record requests that the Examiner contact its attorney by telephone, facsimile, or email if there are any remaining issues.

Respectfully submitted,

/Andrew P. Cernota, Reg. No. 52,711/

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